

## **PROBES FOR VARIANCE DETECTION**

### **Abstract of the Disclosure**

Disclosed are methods and reagents for detecting nucleotide mismatches (for  
5 example, due to sequence variances) in a nucleic acid sample involving the use of a  
nucleic acid probe derived from a hemizygous cell. Methods for determining the  
haplotype of a nucleic acid sample are also disclosed. Also disclosed are methods for  
producing the probe and kits containing the probe.

50038.020003 Divisional Patent Application.wpd